

Form 1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. 2313-116	SERIAL NO. New - Div. of 09/407,964
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NY	AA	3	9	6	1	0	9	7		6/01/76	Gravlee, Jr.		1	
	AB	4	6	1	5	9	8	4		10/7/86	Stoker			
	AC	4	8	3	9	1	9	4		6/13/89	Malluche et al.			
	AD	4	8	9	1	2	3	9		1/02/90	Dudley et al.			
	AE	4	9	6	1	8	6	0		10/9/90	Masri			
	AF	5	0	8	9	2	8	8		2/18/92	Berger			
	AG	5	1	6	4	0	9	4		11/17/92	Stuckart			
	AH	5	8	5	3	9	9	4		12/29/98	Gopinathan et al.			
	AI	6	0	8	6	8	2	1		7/11/00	Lee			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AJ	1 0 5 6 9 7 7	11/30/83	SLI				XX

NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

NY	AK	Arnett, C.E. and Low, F.N., "Ultrasonic Microdissection of Rat Cerebellum for Scanning Electron Microscopy", <i>Scanning Electron Microscopy</i> 1985; pp 247-255
NY	AL	Beckstead, J.H., "A Simple Technique for Preservation of Fixation-sensitive Antigens in Paraffin-embedded Tissues", <i>Journal of Histochemistry and Cytochemistry</i> , 1994; 42(8):1127-1134
NY	AM	Boon, M.E., et al. "Microwave irradiation of human brain tissue: production of microscopic slides within one day", <i>J. Clin. Path.</i> , 1988; 41:590-593
	AN	Bosward, K.L., et al. "Heating of Guinea-Pig Fetal Brain During Exposure to Pulsed Ultrasound", <i>Ultrasound in Med. & Biol.</i> , 1993; 19(5):415-424

EXAMINER <i>Wm</i>	DATE CONSIDERED <i>7/25/03</i>
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	AO	Botsman, N.E. and Bobrova, G.G., "An accelerated method of making histological preparations with the use of ultrasonics", <i>Arkh Patol.</i> , 1968; 30(1):72-75 (with 2 pp. translation and 1 p. PubMed)		
NY	AP	Chen, R., et al. "Ultrasound-Accelerated Immunoassay, as Exemplified by Enzyme Immunoassay of Choriogonadotropin", <i>Clinical Chemistry</i> , 1984; 30(9):1446-1450		
	AQ	Crouse, C., et al. "Extraction of DNA from Forensic-Type Sexual Assault Specimens Using Simple, Rapid Sonication Procedures", <i>BioTechniques</i> , 1993; 15(4):641, 642, 644, 646, 648 (missing pages are advertisements)		
	AR	Drakhli, E. "Methods of using ultrasonics in a quick histological treatment of tissues", <i>Arkh Patol.</i> , 1967; 29(3):81-82 (with 2 pp. translation and 1 p. PubMed)		
NY	AS	Grundy, M.A., et al. "Increased sensitivity of diagnostic latex agglutination tests in an ultrasonic standing wave field", <i>Journal of Immunological Methods</i> , 1994; 176:169-177		
1	AT	Jenkins, P., et al. "Detection of meningitis antigens in buffer and body fluids by ultrasound-enhanced particle agglutination", <i>Journal of Immunological Methods</i> , 1997; 205:191-200		
	AU	Jepras, R.I., et al. "Agglutination of <i>Legionella pneumophila</i> by antiserum is accelerated in an ultrasonic standing wave", <i>Journal of Immunological Methods</i> , 1989; 120:201-205		
	AV	King, J.A.C. and Hossler, F.E. "The gill arch of the striped bass, <i>Morone saxatilis</i> . III. Morphology of the basal lamina as revealed by various ultrasonic microdissection procedures", <i>J. Submicrosc. Cytol. Pathol.</i> , 1988; 20(2):371-377		
	AW	Kondo, T. et al. "Damage in DNA Irradiated with 1.2 MHz Ultrasound and Its Effect on Template Activity of DNA for RNA Synthesis", <i>Radiation Research</i> , 1985; 104:284-292		
	AX	Kost, J., et al. "Enhanced Protein Blotting from PhastGel Media to Membranes by Irradiation of Low-Intensity Ultrasound", <i>Analytical Biochemistry</i> , 1994; 216:27-32		
	AY	Leong, A.S-Y "Microwave Fixation and Rapid Processing in a Large Throughput Histopathology Laboratory", <i>Pathology</i> , 1991; 23:271-273		
	AZ	Login, G.R., et al. "Rapid Microwave Fixation of Human Tissues for Light Microscopic Immunoperoxidase Identification of Diagnostically Useful Antigens", <i>Laboratory Investigation</i> , 1987; 57(5):585-591		
EXAMINER <i>wsr</i> <i>p-j</i>		DATE CONSIDERED <i>9/25/03</i>		
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	AAA	Ma, Y. and Yeung, E.S. "Effect of Ultrasound on the Separation of DNA Fragments in Agarose Gel Electrophoresis", <i>Analytical Chemistry</i> , June 1, 1990; 62(11):1194-1196		
NY	AAB	Matsuta, M., et al. "Applications of DNA Flow Cytometry and Fluorescence <i>In situ</i> Hybridization Using a Chromosome-specific DNA Probe on Paraffin-embedded Tissue Sections of Primary Malignant Melanomas", <i>Journal of Dermatology</i> , 1994; 21:14-19		
	AAC	Nishimura, R., et al. "Improved Lipid Visualization with a Modified Osmium Tetroxide Method Using Ultrasonic Treatment and Intensification with Imidazole or Triazole", <i>Biotechnic & Histochemistry</i> , 1995; 70(1):28-32		
	AAD	Obertyshev, V.G. "Ultrasonic express paraffin handling of histological specimens", <i>Sud Med Ekspert</i> , 1987; 30(4):56-58 (with 2 pp. translation and 1 p. PubMed)		
	AAE	Podkletnova, I. and Alho, H. "Ultrasound-amplified Immunohistochemistry", <i>Journal of Histochemistry and Cytochemistry</i> , 1993; 41(1):51-56		
	AAF	Polanyi, J., et al. "Glutaraldehyde Fixation of Animal Tissues for Electron Microscopy Accelerated by Ultrasound", <i>Bratisl. Lek. Listy.</i> , 1984; 81:566-573 (only the abstract is translated)		
	AAG	Rozenberg, V.D. "The Results and prospects of using ultrasound in pathohistological practice", <i>Arkh Patol</i> , 1991; 53(6):68-69 (with 2 pp. translation and 1 p. PubMed)		
	AAH	Shmurun, R.I. "Methods for the rapid preparation of paraffin blocks", <i>Arkh Patol</i> , 1992; 54(9):46-47 (with 2 pp. translation and 1 p. PubMed)		
NY	AAI	Sinisterra, J.V. "Application of ultrasound to biotechnology: an overview", <i>Ultrasonics</i> , 1992; 30(3):180-185		
NY	AAJ	Williams, J.H., et al. "Tissue preparation for immunocytochemistry", <i>J. Clin. Pathol.</i> , 1997; 50:422-428		
	AAK	Yasuda, K., et al. "Application of Ultrasound for Tissue Fixation: Combined Use with Microwave to Enhance the Effect of Chemical Fixation", <i>Acta Histochem. Cytochem.</i> , 1992; 25(1&2):237-244		
	AAL	Yasuda, K. "Use of Ultrasound for Tissue Fixation", <i>Proceedings of the Histochemical Society</i> , Abstract 186, p. 1060		
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